

Appl. No. 09/910,281
Atty. Docket No. CM2492
Amdt. dated January 30, 2006
Reply to Office Action of August 29, 2005
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-50 (Canceled)

51. (Currently Amended) A hard surface cleaning composition for removing cooked-, baked-, or burnt-on soils from cookware and tableware, the composition comprising:

a) from about 10% to about 40% by weight of the composition of an organic solvent system consisting of:

i) from about 1% to about 15% by weight of the solvent system of an organoamine solvent;

ii) from about 7% to about 30% by weight of the solvent system of a spreading auxiliary comprising a water-miscible organic solvent;
and

~~iii)~~ a limited water-miscible organic solvent;

wherein the water-miscible organic solvent and the limited water-miscible organic solvent ~~are present in a combined level of from about 7% to about 30% by weight of the organic solvent system~~ and are selected from the group consisting of: alcohols, glycols, esters, glycol ethers, terpenes and mixtures thereof; and

wherein the weight ratio of the water-miscible organic solvent to the limited water-miscible organic solvent is from about 4:1 to about 1:20; and

b) bleaching agents selected from the group consisting of from about 1% to about 40% by weight of the composition of inorganic perhydrate salts; from 0.5% to 25% by weight of the composition preformed organic peroxyacids and mixtures thereof; from 0.5% to 25% by weight of the composition of organic peroxyacid bleach precursors and/or transition metal-containing bleach catalysts;

c) water; and;

d) optionally, [[a]] surfactant, wherein the total amount of said surfactant, if present, comprises from about 0.05 to about 10% by weight of the composition

wherein the composition has a liquid surface tension of less than 24.5 MN/m, and a pH as measured in a 10% solution of distilled water of at least [[about]] 10.5.

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52. (Canceled)

53. (previously presented) The composition according to Claim 51 wherein the composition has a pH as measured in a 10% solution of distilled water of from about 11.5 to about 13.5.

54. (Previously Presented) The composition according to Claim 51 wherein the composition has a reserve alkalinity of less than about 5.

55. (Canceled)

56. (Previously Presented) The composition according to Claim 51 wherein the surfactant is selected from the group consisting of: anionic, amphoteric, zwitterionic, nonionic and semi-polar surfactants and mixtures thereof.

57. (Previously Presented) The composition according to Claim 56 wherein the surfactant comprises an amine oxide.

58. (Previously Presented) The composition according to Claim 51 wherein the organoamine solvent is selected from the group consisting of alkanolamines, alkylamines, alkyleneamines and mixtures thereof.

59. (Previously Presented) The composition according to Claim 58 wherein the organoamine solvent comprises an alkanolamine.

60. (canceled)

61. (currently amended) The composition according to Claim [[60]] 51 wherein the water-miscible organic solvent comprises a glycol ether.

62. (Previously Presented) The composition according to Claim 61 wherein the water-miscible organic solvent comprises diethylene glycol monobutyl ether.

63. (canceled)

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64. (currently amended) The composition according to Claim [[63]] 51 wherein the limited water-miscible organic solvent comprises a glycol ether.

65. (Previously Presented) The composition according to Claim 64 wherein the limited water-miscible organic solvent comprises propylene glycol butyl ether.

66. (Previously Presented) The composition according to Claim 51 wherein the composition is capable of displaying an advancing contact angle on a soiled glass substrate at 25°C of less than about 20°.

67. (Previously Presented) The composition according to Claim 51 wherein the composition exhibits a soil swelling index of at least about 100%.

68. (Previously Presented) The composition according to Claim 67 wherein the composition has a liquid surface tension of less than about 30mN/m.

Claims 69-71 (Canceled)

72. (currently amended) The composition according to Claim 51 wherein the solvent system comprises at least about 3.5% by weight of the solvent system ~~composition~~ of the water-miscible organic solvent.

73. (currently amended) The composition according to Claim 51 wherein the solvent system comprises at least about 3.5% by weight of the solvent system ~~composition~~ of the limited water-miscible organic solvent.

74. (Previously Presented) The composition according to Claim 51 wherein the weight ratio of water-miscible organic solvent to limited water-miscible organic solvent is from about 2:1 to about 1:6.

75. (canceled)

76. (Previously Presented) The composition according to Claim 51 wherein the surfactant lowers the liquid surface tension of the solvent system to at least 1mN/m less than the liquid surface tension of the surfactant.

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77. (Previously Presented) The composition according to Claim 51 wherein the composition has a soil removal index of at least 25%.
78. (Previously Presented) The composition according to Claim 51 wherein the composition is in the form of a shear thinning fluid having a shear index (n) of from about 0.3 to about 0.7 and a consistency index of from about 0.20 to about 0.15 Pa.sⁿ.
79. (Previously Presented) The composition according to Claim 78 wherein the composition has a flow velocity of less than about 1cm/s when sprayed on a vertical stainless steel surface.
80. (Previously Presented) The composition according to Claim 51 wherein the composition further comprises a thickening agent selected from the group consisting of synthetic smectite clays, natural gums and mixtures thereof.
81. (Previously Presented) The composition according to Claim 51 wherein the organoamine and the mixture of the water-miscible and limited water-miscible organic solvents are present in the solvent system at a weight ratio of from about 3:1 to about 1:3.
82. (Previously Presented) The composition according to Claim 51 wherein the solvent system has a volatile organic solvent content above 1 mm Hg of less than about 50%.
83. (canceled)
84. (Previously Presented) The composition according to Claim 51 wherein the composition is in the form of a dishwashing pretreatment composition.
85. (Previously Presented) The composition according to Claim 51 wherein the composition is in the form of an automatic dishwashing detergent composition.
86. (previously presented) The composition according to Claim 53 wherein the composition further comprises a salt having a divalent cation.
87. (Previously Presented) The composition according to Claim 51 wherein the composition further comprises a perfume component.

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88. (Previously Presented) The composition according to Claim 87 wherein the perfume component comprises an ionone.

89. (Previously Presented) The composition according to Claim 88 wherein the ionone is derived from a natural containing ionone material selected from the group consisting of: mimosa, violet, iris, orris and mixtures thereof.

90. (Previously Presented) The composition according to Claim 87 wherein the perfume component comprises a musk having a boiling point of greater than about 250°C.

91. (Previously Presented) The composition according to Claim 51 wherein the composition further comprises a cyclodextrin.